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INTERNATIONAL PRELIMINARY EXAMINATION REPORT

(PCT Article 36 and Rule 70)

Applicant's or agent's file reference		See Notificati	on of Transmittal of International			
016348-9048	FOR FURTHER ACTION		xamination Report (Form PCT/IPEA/416)			
International application No.	International filing date (day/month/year)		Priority date (day/month/year)			
PCT/US03/41770	30 December 2003 (30.12.2003)		02 January 2003 (02.01.2003)			
International Patent Classification (IPC)	or national classification and IPC					
IPC(7): C12Q 1/68 and US Cl.: 435/6 Applicant						
••						
BIOFORCE NANOSCIENCES, INC.						
 This international preliminary examination report has been prepared by this International Preliminary Examining Authority and is transmitted to the applicant according to Article 36. 						
2. This REPORT consists of a total of <u>3</u> sheets, including this cover sheet.						
This report is also accompanied by ANNEXES, i.e., sheets of the description, claims and/or drawings which have been amended and are the basis for this report and/or sheets containing rectifications made before this Authority (see Rule 70.16 and Section 607 of the Administrative Instructions under the PCT).						
These annexes consist of a	total of sheets.					
3. This report contains indicat	ions relating to the following i	ems:				
I 🔀 Basis of the repo	rt					
II Priority	A.•					
III Non-establishme	at of report with regard to nove	alty, inventive s	step and industrial applicability			
IV Lack of unity of	invention					
V Reasoned statem	ent under Article 35(2) with re	gard to novelty	inventive step or industrial			
VI Certain documen	ations and explanations support	ing such staten	lent			
= =						
	VII Certain defects in the international application					
VIII Certain observati	ons on the international applica	ation				
Date of submission of the demand	Date	Date of completion of this report				
29 July 2004 (28.07.2004)	29 Ap	29 April 2005 (29.04.2005)				
Name and mailing address of the IPEA/US		rized officer	0 11 11 2			
Mail Stop PCT, Attn: IPBA/ US Commissioner for Patents P.O. Box 1450	Ann	lem)	Bell-Harrisga			
Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230	Telepl	one No. (571) 2				
POTEMBE A (400 (11	2)					

Form PCT/IPEA/409 (cover sheet)(July 1998)

INTERNATIONAL PRELIMINARY EXAMINATION REPORT

ı	Internation plication No.
	PCT/US03/41770

I.	Bas	sis of the report
1.	Wit	h regard to the elements of the international application:*
	\boxtimes	the international application as originally filed.
	\boxtimes	the description:
		pages 1-25 as originally filed
		pages NONE , filed with the demand
		pages NONE, filed with the letter of
		the claims:
		pages 26-29 , as originally filed pages NONE , as amended (together with any statement) under Article 19
		pages NONE, filed with the demand
	<u></u>	pages NONE, filed with the letter of
	\boxtimes	the drawings.
		pages 1-6 as originally filed
		pages NONE , filed with the demand pages NONE , filed with the letter of
	M	the sequence listing part of the description:
	I Z	pages NONE , as originally filed
		pages NONE, filed with the demand
2	¥¥7241.	pages NONE , filed with the letter of
		regard to the language, all the elements marked above were available or furnished to this Authority in the tage in which the international application was filed, unless otherwise indicated under this item. e elements were available or furnished to this Authority in the following language which is:
	Щ	the language of a translation furnished for the purposes of international search (under Rule23.1(b)).
ļ		the language of publication of the international application (under Rule 48.3(b)).
į		the language of the translation furnished for the purposes of international preliminary examination (under Rules 55.2 and/or 55.3).
3. V	With	regard to any nucleotide and/or amino acid sequence disclosed in the international application, the attional preliminary examination was carried out on the basis of the sequence listing:
Į		contained in the international application in printed form.
Ĺ		filed together with the international application in computer readable form.
L	_] :	furnished subsequently to this Authority in written form.
Ĺ	:	furnished subsequently to this Authority in computer readable form.
L		The statement that the subsequently furnished written sequence listing does not go beyond the disclassic
Г		
L		The statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished.
· [_	_] 1	The amendments have resulted in the cancellation of
	[the description, pages NONE
	إ	the claims, Nos. NONE
_	_ [the drawings, sheets/ fig NONE
L	_	his report has been established as if (some of) the amendments had not been made, since they have been considered to go eyond the disclosure as filed, as indicated in the Supplemental Box (Rule 70.2(c)).**
Rep	uacer	nent sheets which have been furnished to the receiping OCC - to the
is re An	port (y repi	as "originally filed" and are not annexed to this receiving Office in response to an invitation under Article 14 are referred to in lacement sheet containing such amendments must be referred to under item 1 and annexed to this report.
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- D	- T	TA (100 C) - D (17)



Form PCT/IPEA/409 (Box V) (July 1998)

Internation application No. PCT/US03/41770

V. Reasoned statement under Rule 66.2(a)(ii) with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement							
1. STATEMENT							
Novelty (N)	Claims NONE	YES					
	Claims 1-27	NO					
Inventive Step (IS)	Claims NONE	\$ZZZQ					
- ' '	Claims 1-27	YES NO					
Industrial Applicability (IA)	Claims 1-27	YES					
	Claims NONE	NO					
discloses cell lysing means comprising cell membra pump for inducing flow through the flow system an Claims 18-21 meet the criteria set out in PCT Article with a microdisrupter disposed on a probe, wherein nanoarray. Claims 1-27 meet the criteria set out in PCT Article be made or used in industry. NEW CITATIONS	e 33(2)-(3), because the prior art does not teach or the probe has a nanoarray disposed thereon and d	e 37). fairly suggest disrupting a cell stecting binding of analytes to the					